

# **SPLIT-SHIELD GRADIENT COIL WITH IMPROVED FRINGE-FIELD**

## **Abstract**

An imaging system 2 is provided comprising a primary gradient coil assembly 52 and a shield coil assembly 42. The shield coil assembly 42 is connected in series to the primary gradient coil assembly 52. The shield coil assembly 42 comprises a first gradient shield coil 82 and a second gradient shield coil 84. The second gradient shield coil 84 is connected in parallel to said first gradient shield coil 82.